

An Investigation of the Thermomagnetic and  
Galvanomagnetic Properties of p-Type PbTe, by L. V.  
Mochan, T. V. Smirnova, 6 pp.

*Abstract*  
RUSSIAN, per, Fiz Tverdogo Tela, No. 9, 1961, pp.  
2659-2666

AIP  
Sov Phys-Solid State  
Vol III. No. 9

Sci

*192, 458*

Mar 62

Synthesis of Polyalkylensaryls. Communication  
8. Transarylation of Diphenylmethane, by  
O. S. Kolesnikov, V. V. Korshak, T. V.  
Sainova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 6, 1958, pp 767-770.

Consultants Bureau

Sci

Apr 60

112,264

Synthesis of Polyarylenealkyls. 9. Synthesis and  
Transarylation of Monofluoro- and Monochloro-  
diphenylmethanes, by G. S. Kolesnikov, V. V.  
Korshak, T. V. Smirnova, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 9, 1958, pp 1123-1126.

Consultants Bureau

Sci

Apr 60

112,164

Phonon Part of the Transverse Thermomagnetic  
Nernst Effect in p-Type Germanium, by Yu. N.  
Obraztsov, I. V. Mochan, T. V. Smirnova, 5 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 5,  
1960, pp 830-835.

AIP  
Sov Phys-Solid State

Sci

Jan 61

138, 133

Synthesis of Polyalkylenearyls, Communication 2.,  
Polycondensation of 1,2-Dichloroethane with Diary-  
lalkanes, by G. S. Kolesnikov, V. V. Korshak, T. V.  
Smirnova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim. Nauk,  
No 1, 1958, pp 85-87.

Consultants Bureau

Sci - Chem

May 59

86, 87.2

Synthesis of Polyalkylenearyls. Communication 1.  
Polycondensation of Methylene Chloride with  
Halobenzenes, by G.S. Kolesnikov, V.V. Komshak,  
T.V. Smirnova, 4 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 12, 1957, pp 1476-1481

Consultants Bureau

Sci - Chem

May 59

86,987

Macromolecular Compounds. Communication 99.  
Polycondensation of Dichloromethane with Benzene,  
by G. S. Kolesnikov, V. V. Korshak, ~~and~~ V. Shukron,  
9 pp.

RUSSIAN, per, Iz Ak Nauk BSSR, Otdel Khim Nauk,  
No 3, 1957, pp 378-382  
375

Consultants Bureau

Sci - Chem

86, 851

May 59

**KOLESNIKOV, G. S.  
SMIRNOVA, T. V.**

**The Alkylation of Acyl Derivatives of Aromatic  
Amines by the Friedel-Crafts Reaction. 2. The  
Alkylation of Acetanilide.**

**The Journal of General Chemistry of the USSR, Vol XX,  
No 8, Aug 1950, pp 1487 - 1489 (Russ p 1427).**

**Consultants Bureau  
New York**

**USSR**

*A-5603*



Derivatives of Hexamethyleneimine. II. Synthesis  
of Hexamethyleneamides of Organic Acids, by G. E.  
Kolodnikov, T. V. Smirnova, L. L. Mizrahh, N. M.  
Mikhailovskaya, L. I. Shcherbo, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11,  
1957, pp 3005-3008.

Consultants Bureau

Sci - Chem

Jan 59

78,800

Macromolecular Compounds. Communication 70. Peculiar Features of Chain Growth During Polycondensation in Presence of a Catalyst, by G. S. Kolesnikov, V. V. Korshak, T. V. Smirnova, 6 pp.

Full translation.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim Nauk.  
No 1, Jan/Feb 1955, pp 172-178. CIA D 151941

Consultants Bureau

Scientific - Chemistry

Jun 55

24,500

The Formation of the Rod-Shaped Particle of Tobacco  
Mosaic Virus, by V. A. Smirnova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,  
1958, pp 407-.

Amer Inst of Biol Sci

Sci - Med

96,919

Usefulness of Datura Stramonium for Determining the  
Titre of Tobacco Mosaic Virus, *By* V. A. Smirnova,  
7 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXII, No 6, 1953,  
pp 714-718.

Sci Trans Center  
RT-1684

*USDA*

Scientific - Biology

*14,605*

~~RM~~

Dec 54 CTB/DEX

Electron Microscope Study of the Distribution of  
Rod-Shaped Particles of Tobacco Mosaic Virus in the  
Vegetative Gemma of the Affected Tomato, by V. A.  
Smirnova, 7 pp.

RUSSIAN, per, Biofizika, Vol III, No 2, 1958, pp  
252-256.

Pergamon Inst

Sci - Med  
Feb 59

81,677

The Effect of Physiologically Active Substances on  
the Reproduction of Tobacco Mosaic Virus, by A. V.  
Izrael, V. A. Smirnova, G. A. Tarekanova, 6 pp.

RUSSIAN, per, Fiz Rasteniy, Vol VII, No 3, 1960,  
pp 309-314.

AIRS

Sci

Apr 61

145,931

Effect of Light of Different Spectral Composition  
on Reproduction of Tobacco Mosaic Virus, by A. V.  
Krilov, V. A. Smirnova, G. A. Tarakanova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,  
No 4, 1960, pp 973-975.

AIDS

Sci

149,102

Apr 61

Influence of Certain Dyes on Virus Nucleoprotein of the  
Mosaic Disease of Tobacco, by V. L. Ryzhikov, V. A. Smir-  
nova, O. S. Gorodskaya, 15 pp.

RUSSIAN, Biokhimiya, Vol XV, No 3, 1950, pp 222-229.

USDA

Scientific - Biology

CT3/DEX

4867



The Effect of *Alnus Incana* on Wetland  
Vegetation, by V. A. Smirnova, and  
P. P. Sorogovets, 5 p.  
RUSSIAN, per, Syul'sten' Institutu  
biologii za 1959. Akademii Nauk  
Solovetskoi SSSR, No 5, 1960, pp. 50-52.  
\*CFSTI TT 66-51091

V. A. Smirnova

Sci-Mar Sci  
1960-61

The Effect of Sham Feeding on the Feeding Response  
of Esophagotomized Dogs, by V. D. Smirnov.  
4 pp.

RUSSIAN, per Byul Eksper Biol  
i Med, Vol. LII, No. 7, 1961.  
pp. 28-32

OB

Sci

188,976

Mar 62

Relation of Heats and Free Energies of Formation of  
Tantalum Carbides to Phase and Chemical Composition, by  
V. I. Semirnova, B. F. Orment, 7 pp.  
RUSSIAN, Izv. Akad. Nauk SSSR, Vol C, No 1, 1965,  
pp 127-130. 9218767

AEC-UCRL-Tr-258(L)

Sci-Nucl Sci  
Feb 64

249,537

The Preparation of Fused Tantalum Carbide, by  
V. I. Smirnova, B. P. Ormont, 5 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVI, 1956,  
pp 958-960.

AEC Tr 2965  
SLA R-1749

Sci  
Aug 58

CCT-922TM

70,354

Determination of Surface Tension at High Temperatures by the Hanging and Creeping Drop Methods, by V. I. Smirnova, B. F. Ormont.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 4, 1959, pp 771-779.

SLA: 61-13493

DSIR LLJ RTS 1590

Sci - Phys

128,837

Oct 60

EPR Spectra of Acetylene and Its Derivatives When  
Irradiated by  $\gamma$ -Rays, by D. N. Shigorin, V. I.  
Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 2, 1961,  
pp 419-422.

CB

Sci

196,512

May 62

The Paramagnetic Resonance of Certain Inner  
Complexes of Copper, by A. K. Piskunov, D. N.  
Shigorin, V. I. Smirnova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,  
1960, pp 1284-1287.

CS

149,768

Sci

Apr 61

Limits of Homogeneity and Dependence of  
Thermodynamic and Certain Other Properties  
of Tantalum Carbide Phases on Their Composi-  
tion and Structure, by V. I. Sainova,  
B. F. Ormont, 26 pp.

~~KIX~~  
RUSSIAN, no par, Zhur Fiz Khim, Vol ~~32~~, No 30,  
1956, pp 1327-1342.

AEC Tr 2852

Sci - Chemistry  
Apr 57 CTS/sex

47,134

SLA. Tr R-140



Preparation of Fused Tantalum Carbide, by V. I.  
Smirnova, & B. F. Ormont, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4,  
Apr 1956, pp 958-959.

Consultants Bureau

Sci - Chemistry  
Feb 1957 CTS/dex

43,637

AEC TR 2965

An Apparatus for the Quantitative Absorption of  
Gases, by B. P. Gromov. V. I. Smirnova, 2 pp.

V. I. Smirnova

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol IX, No 6,  
USSR, Nov-Dec 1954, pp 364, 365. CIA D 151315

Consultants Bureau

Scientific - Chemistry

CTB 68/May 55

23,741

Quantitative Micro Determination of Carbon, in  
Particular in Tantalum Carbide, by V. I. Smirnova,  
B. F. Ormont, 5 pp.

Full translation.

RUSSIAN, bimo per, Zhur Anal Khim, Vol IX, No 6,  
USSR, Nov-Dec 1954, pp 359-363. CIA D 151315

Consultants Bureau

Scientific - Chemistry

OTS 68/May 55

23,740

Structure and Homogeneity Boundaries of Tantalum  
Carbide, by V. I. Smirnova, B. P. Ormont,

USSIAN, per, Dok Ak Nauk SSSR, Vol XCIV,  
No 3, 1954, pp 557-560.

Butcher Tr No 3376

Scientific - Min/Metals, Chemistry

13,739

Determination of 1,2 Units in Piperylene Rubber, by  
A. I. Yakubchik and V. K. Smirnova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XIXV, No 1, 1962,  
pp 159-163.

CB

Sci

233,887

Dec 62

70  
Simulation of the Creep of a Turbine Blade in  
shaped tail by means of a Model, by I. I. Buga-  
kov, I. P. Smirnova.

RUSSIAN, per. Iskalyumskiy, A. A.  
Abstracts, 1966, pp 193-207.  
ALL, DTB 3201

Sci-Tech  
Nov 67

*V. P. Smirnova*

75,217

Alteration of the Structural Properties of Some  
Colloidal Porous Materials During Drying, by  
V. V. Shcherbatenko, V. V. Skirnova, 6 pp.

RUSSIAN, bimo per, Kolloid Zhur, Vol. XVIII, No 5,  
Sep/Oct 1956, pp 615-620.

Consultants Bureau

Sci . Chemistry  
Sep 57

52,855

On the Determination of the Surface Tension of  
Substances at the Fusion Point, by Y. I. Smirnova,  
et al.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol  
LXXXII, No 5, 1952, pp 751-754.

Coop Trans Scheme Tr 226  
L1.12a.

Sci - Physics

Jul 1956

36,346



Hydration of Uranyl Nitrate in an Inert Solvent  
Containing an Extractant, by V. M. Vdovenko,  
~~Yek~~ Ye. A. Smirnova, 8 pp.

RUSSIAN, per, Radiokhim, Vol I, No 5, 1959,  
pp 521-529. 9079525

Infosearch Ltd. London  
as RK-59/5.5

Sci - Chem  
Aug 61

164,303

on Chloroniobates of Alkali with Composition of  
No. 5, by Ye. A. Smirnova, 2 pp.  
RUSCIAM, por. Leningrad. Universitet. Vestnik.  
Seriya Fiziki i Khimii, No 1, 1964, pp 165-166.  
R100060068-V  
FTD-RT-64-358

Sci-Chem  
Apr 68

352,314

*Ye. K. Smirnova*

Collection of gyrocompass errors in  
navigation by Ye. L. Smirnov;  
A. A. Yakushankov, et al.  
RUSSIAN, bk, Uchet Pogreshnostey  
Sirokomaşa v Sialavozhdenii, 1964,  
pp 1-68.  
FTD-71-65-147

Ye L. Smirnov

Sci/Astron  
May 65

The Activity of Phenylalanine Hydroxylase in  
Hepatomas and Liver of Normal and Tumorous  
Animals, by Ye. V. Smirnova, 5 pp.

RUSSIAN, per, Voprosy Onkolog, Vol VII, No 9,  
1961.

Elsevier Pub Co

Sci

Jul 62

205,477

Clinical Manifestations of Experimental Meas-  
sles in Monkeys, by Ye. V. Smirnova.  
N. Ye. Ryazentseva, 2 pp.

RUSSIAN, mono, Teoret i Prakt  
Voprosy Medit i Biologii v Ekspier na  
Obze'yanakh, 1956, pp 179-182.

SLA 60-23699

Sci  
Vol IV, No 11  
May 62

197, 956

Experimental Research on the Evaporation Rate  
of a Drop of Liquid in a Stationary High-Temperature  
Medium, by V. M. Ivanov, Ye. V. Smirnova, 22 pp.

RUSSIAN, per, Novyye Metody Szhiganiya Topliva  
i Voprosy Teorii Goreniya, Izd. AN SSSR, Trudy  
Inst Gory Ishopayemykh, Vol XIX, 1968,  
pp 46-58. 9685421

FTD-TT-63-580

Sci-Phys

Sep 63

343,570

Experimental Research on the Evaporation Rate  
of a Drop of Liquid in a Stationary High-Temperature  
Medium, by V. M. Ivanov, Ye. V. Smirnova, 22 pp.

RUSSIAN, per, Novyye Metody Szhiganiya Topliva  
i Voprosy Teorii Goreniya, Izd. AN SSSR, Trudy  
Inst Gory Iskopyayemykh, Vol XIX, 1962,  
pp 46-58. 9685421

FTD-TT-63-520

Sci-Phys

Sep 63

343,570

Influence of the State of Maternal Immunity to  
Measles on the Immunity of the Child. Experiments  
on Monkeys and Small Laboratory Animals, by N. Ye.  
Ryazantseva, Ya. V. Smirnova, L. A. Kozlovskaya, 4 pp.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 1,  
1959, pp 59-62.

Pergamon Press

Sci

May 60

118,124



Choice of the Protective Coatings for Articles  
Used Under Tropical Conditions, by F. F.  
Azhogin, Yu. A. Smirnovs. USSR

RUSSIAN, paper, Programma Vses Nauch-Tekhn Sovesh  
po Korrozii i Zashchite Metallov, Sec V, 19<sup>th</sup> May 1958,  
pp 40-50.

DSIR LIU HTS 1138

(50. 03.)

102,521

Sci - Chem  
Dec 59

Stabilization of the  $\beta$ -Phase in Titanium-Molybdenum -- Manganese Alloys, by N. V. Ananov, Z. M. Smirnova, 4 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 5, 1959, pp 1100-1105.

Cleaver-Hume Press Ltd.  
London

Sci-Chem  
Jan 60

106,433

The Penetration Range of Bacteria From Drilling Mud  
Into Cores of Various Rocks, by Z. S. Smirnova, 5 pp.

RUSSIAN, per, Mikrobiol, Vol XXVI, No 6, 1957,  
pp 745-749.

Amer Inst of Biol Sci

Sci - Med

Jul 58

66.970

Application of Complexone III for the Chromatographic Separation of Rubidium and Cesium, by A. P. Smirnov-Averin, G. B. Kostarev, and N. N. Krot, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XII, No 3, 1957, pp 313-317.

Consultants Bur

Sci - Chem

May 58

64,875

Theory of Plastic Deformations of Metals, by G. A.  
Smirnov-Alyayev, V. M. Rozenberg, 513 pp.

RUSSIAN, bk, Teoriya Plasticheskikh Derormatsiy  
Metallov, Moscow-Leningrad, 1956, 368 pp.

651261V

ATIC 7-TS-9429/7

Sci - Min/Met  
Oct 59

99,466

The Spectrophotometric Determination of Magnesium  
in Uranium, by M. N. Krot, A. P. Smirnov-Averin,  
and A. G. Kozlov, 4 pp.

RUSSIAN, per; Zhur Anzi Khim, Vol XIV, No 3,  
1959, pp 352-355.

Consultants Bureau

Sci-Chem

Jun 60

119,635

Study of a Spent Fuel Element from the First Atomic  
Electric Station, by A. P. Smirnov-Averin, V. I.  
Galkov, 4 pp.

RUSSIAN, per, Atom Energ, Vol XI, No 2, 1961,  
pp 122-125.

CB

Sci

Jul 62

204,343

Removal of Ethylenediaminetetracetic Acid from  
Solution by Oxidation, by A. P. Smirnov-Averin,  
N. N. Krot, A. B. Sokolov, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 3, 1958,  
pp 280-283.

Consultants Bureau

Sci - Chem

Mar 59

82,092



The Enzymatic Properties of the Protein Fractions  
from the Seeds of Bean Cultures by M. I. Shirkova,  
Ikonnikova, E. P. Veselova, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 1, 1958,  
pp 849-.

Amur Inst of Biol Sci

Sci - Biology, Chem

Feb 59

80,754

V  
(FDD 25854)

Basic Argyrophil Substance and Its Importance for  
the Life Processes of an Organism, by O. I. Smir-  
nova-Zamikova, 17 pp.

UKRAINIAN, no per, Visnik Ak Nauk U RSR, No 10,  
Kiev, Oct 1954, pp 21-28.

CIA/FDD/U-7811

USSR

Sci - Biology, physiology

Feb 1956 CTS

32,380

Today at the Kama Hydroelectric Power Plant,  
by A. Smirnov-Cherkasov, 7 pp.

RUSSIAN, np, Stroitel Gazet, 26 Aug 1955, Encl  
To

AID/special rpt.

~~Sci-Engineering~~

USSR

Economic - power units

Jun 1956

Dex only

35,688

The Theory of the Synthesis. II the Significance  
of Di-Substitutional in the Mechanism of Carboxy-  
lation, by E. A. Shilov, I. V. Smirnov-Zamkov,  
K. I. Matkovskiy.

RUSSIAN, per, Organ Khim,

pp 600-613.

T.I.L. T-4633

Sci - Chemistry

34, 480

May 1956

Theory of the Kolbe-Schmitt Reaction. 1. Function  
of Phenyl-Carbonates in the Mechanism of  
Carboxylation, by E. A. Shilov, I. V. Smirnov-  
Zenkov, K. I. Matovskiy, 10 pp.

RUSSIAN, per, Organicheskaya Khimiya, 1955,  
pp 484-490.

Sci Mus Lib - 56/0528

Sci - Chemistry

36.391

Jul 1956

Comparative Evaluation of Different Methods for  
Regeneration of Diphtheria Bacilli from their  
Filterable Forms, by A. C. Gairnovskaya, 3 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol  
Vol XXVIII, No 2, 1957, pp 16-18.

Pergamon Inst

Sci - Med  
Jan 59

79,157

An Efficient Information System in the Field  
of Standardization, by K. A. Smirnov.  
FOR OFFICIAL USE ONLY  
RUSSIAN, per, Standardisierung, Vol 13,  
No 10, 1967, pp 394-397. P200178260  
ESTC-HT- 23-74-68C

*K. A. Smirnov*

USSR/Econ  
Sept 68

366,361

Units With Cobalt-60 Gamma Radiation Sources for  
Use in Research on Radiation Technology of Rubber  
and Plastics, by J. Smiroda, 11 pp.

RUSSIAN, rpt, Proceedings of the Conference on  
Large Radiation Sources in Industry, ~~SECRET~~  
8-12 Sep 1959, Vol I, 1960, pp 105-114. 9217184

AEC-Tr-6115

Sci - Nucl Sci  
Jan 64

246, 779



Hemorrhagic Fevers of the USSR, by A. A. Smirnov,  
292 pp.

RUSSIAN, bk, Virusn'ye Gemorragicheskie Lektsionnii,  
1963.

OTS 64-11116  
FL-480

Sci  
Mar 64

Separate Chromophore Systems. XXVII. Colorability  
Phenomena of the Aryl Amides of  $\alpha$ -[4-Nitrophenyl]  
-Butyric Acid, by B. A. Saitonov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV,  
No 4, Apr 1955, pp 602-608. CIA C 39500

Consultants Bureau

Scientific - Chemistry  
Nov 55 CTS/DEX

28,901

Equilibrium Potentials of Titanium in Chloride  
Melts, by M. V. Smironov, L. E. Ivanovskiy, N. A.  
Loginov, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXXI, No 4,  
1958, pp 635-638.

Consultants Bureau

Sci - Phys

Sep 59

97656

The Progress of the Study of A. A. Bogdanov  
Concerning the Physiological System of Con-  
nective Tissue and the Collagen Diseases,  
by G. I. Sainova-Zankova, H. V. Mel'nychen-  
ko, 18 pp.

RUSSIAN, per, Fiz Zhur, Vol VII, No 3,  
May/Jun 1961, pp 333-342.

JPRS 10649

USSR  
Soc  
Med  
Nov 61

174,605

11 774

GE-1

SMIROUS K., STOURAC L.

Cooling elements for direct energy conversion effected by semiconductor systems

Kühlelemente für direkte Energieumwandlung auf Grund von Halbleitersystemen

Elektrotechnicky obzor., 48, No. 4, 210-213 (1958) -German

E u r a t o m

145  
Effect of Oxygen Concentration on the  
Electric and Thermoelectric Properties  
of Compounds of the Ternary  $\text{In}_2\text{Te}_3$   
 $\text{Sb}_2\text{Te}_3$  System, by K. Smirnov, L. Stourac.  
C. RCH, per. Soviet Journal of  
Physics, Vol 10, pp 659-662, 1960. 02291415  
REC-Tr-6585

K. Smirnov

Sci-Phys  
Nov 65

290,650

Smirous, K.  
INFLUENCE DES IMPURETÉS SUR LES PROPRIÉTÉS  
DE L'ANTIMONIURE D'ALUMINIUM (The Effect of  
Impurities on the Properties of Aluminum Antimoni-  
de). 5p. 7refs. CNRS-X 443.  
Order from OTS, ETC or CNRS \$0.80 TT-62-28073

Trans. in French of Chekhoslovatskii Fizicheskii  
Zhurnal, 1956, v.6, no.3, p.299-300.

DESCRIPTORS: \*Antimony compounds, \*Aluminum  
compounds, Electrical conductance, \*Semiconductors,  
Zinc, Cadmium, Selenium, Tellurium.

(Physics--Solid State, TT, v. 11, no. 6)

IT-62-28073

- I. Smirous, K.
- II. CNRS-X 443
- III. Centre National de la Recher-  
che Scientifique, Paris

Office of Technical Services  
European Translations Centre

Solid Solutions of  $\text{Bi}_2\text{Te}_3$  and  $\text{Sb}_2\text{Te}_3$  as p-Conducting  
Materials for Semiconducting Thermo-Elements, by  
K. Swirous, L. Stourac, 3 pp.

GERMAN, per, Z. Naturforschung, Vol XIVa, 1959, pp  
848-49.

CIA/PDD XI-808

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

Apr 60

USIS INTERNAL USE ONLY

*assess electronic and hardware*  
110,908



(NY-3001/14).

The Distribution of Dispersed Elements in  
Industrially Exploitable Deposits of Nonferrous  
Metals, by V. N. Leksin, L. V. Smirnyagin,  
10 pp.

RUSSIAN, per, Gornyy Zhur, No 3, 1960,  
pp 11-14.

JPRS 5935

USSR  
Econ - Metallurgy  
4 Nov 60

131,493

Military Map Makers, by A. Smirski, *3 pp*

POLISH, *per*, Zolnierz Wolnosci, No 25 (3794),  
30 Jan 1963.

\*ACSI I-2503  
ID 2232448  
525th MI Bn

EEur - Poland  
Mil  
15 May 63

High Quality of Work is the Main Object of Tele-  
graph-Service Workers, by A. G. Smiragin, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, April 1963.

JPRS 19772

Sci

Jun 63

234,879

(FDD 32687)

RU-1336

Development of the Interurban Communications  
Network, by A. G. Smirnov,

RUSSIAN, (no par), Vestnik, No. 10, Moscow,  
October 1957, pp 37-38.

USSR

Eco;Communications  
Sci;Electronics

CIA JPRS 453

(DC-4666)

The Role of Engineers and Technicians in the  
Dissemination of Advanced Labor Methods in  
Telegraph Offices, by A. G. Smiryagin, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1952, pp 5, 6.

JPRS 6694

Sci

Feb 61

140,630

(DC-4449)

The Over-All Development of Long-Distance  
Communications, by A. G. Smiryagin, 4 pp.

RUSSIAN, per, Vestnik Svyazi, No 1, 1948, pp 6, 7.

JPRS 6548

Sci

Feb 61

138,676

(NY-5223)

Reserves for the Improvement of the Operation  
of Telegraph and Telephone Communication  
Systems, by A. G. Smirnov, 8 pp.

RUSSIAN, per, Vestnik Sovetsk, No 9, 1955.

JPRS 7092

Sci

Apr 61

146, 859

NY-6592

EXPERIENCE OF INTRODUCTION OF MECHANIZED  
TOOLS ON LINE WORK, BY A. G. SMIRYAGIN,  
10 PP.

RUSSIAN, PER, VESTNIK SVYAZI, NO 6, 1961.

JPRS 9956

SCI

NOV 61

173.133



NY-6592

EXPERIENCE OF INTRODUCTION OF MECHANIZED  
TOOLS ON LINE WORK, BY A. G. SMIRYAGIN,  
10 PP.

RUSSIAN, PER, VESTNIK SVYAZI, NO 6, 1961.

JPRS 9956

SCI

NOV 61

173,133

(REF 5326)

There Must Be a Change in the Management of  
Telegraph Enterprises, by A. G. Smiryagin, 18 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1954,  
pp 23, 24.

JPRS 7108  
\*SCIA Tr No 651 D

146,727

Sci

Apr 61

(NY-72021)  
Live and Work in a Communist Way, by A. G.  
Smiryagin, 16 pp.

RUSSIAN, per, Vestnik Svyazi, No 7, 1960.

JPRS 5918

Sci

Jan 61

136, 913

(DC-4431)

Development of Telegraph and Telephone  
Communications, by A. G. Smiryagin, 6 pp.

RUSSIAN, per, Vestnik Svyazi, No 3, 1947, pp 3, 4.

JPRS 6659

Sci

Apr 61

145,013

{FY-5091}

125-th Anniversary of the Electromagnetic Telegraph, by A. G. Smiryagin, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1957.

JPRS 7026

Sci

Jul 61

159,403

(DC-R440)

Thirty Years of Development of Intercity  
Telegraph and Telephone Communications, by A. G.  
Smiryagin, 9 pp.

RUSSIAN, per, Vestnik Svyazi, No 11, 1947, pp 4-7.

JPRS 6202

USSR

Econ

Sci - Electron

Nov 60

131,746

<p>Smirnov, A. P. <b>THE SURFACE TENSION OF MOLTEN METALS</b> (INVESTIGATIONS ON NEW ALLOYS FOR POURING SHOT). [1963] 17p. (figs. omitted) 41 refs. Order from OTS or SLA \$1.40 63-16039</p> <p>Trans. of Tsvetnye Metal[ly] (USSR) 1963 (v. 10) no. 8, p. 102-110.</p> <p>DESCRIPTORS: "Liquid metals, "Surface tension, "Lead alloys, Alloys, Fused materials, Mathematical analysis.</p> <p>(Metallurgy--Nonferrous Metals, TT, v. 10, no. 7)</p>	<p>63-16039</p> <p>I. Smirnov, A. P. II. Title: Investigations...</p> <p>124752</p> <p>Office of Technical Services</p>
---	---

Study of Phase Diagram of Nickel - Molybdenum -  
Chromium, by A. P. Smirnov, A. Ya. Potemkin,  
R. P. Martynyuk, 14 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol III, No 4, 1958,  
pp 22-25.

3

AEC MP-tr-312

Sci - Chem  
Feb 60

107,542



Report on the Operations of the Geographical Survey  
of Norway in 1956, by Kr. Gleditsch, J. O. Smilstad,  
26 pp.

SWEDISH, rpt, Beretning om Norges Geografiske  
Oppmaalings Virksomhet i Aret 1956, Oslo, Norway, C. P. -  
Mordt & Son - Boktrykkeri, 1957, pp 3-36. Call No  
GA 66, NQW88.

AMS

NoEur - Norway  
Geo  
Jun 59

89,093

(DC-2700/5).

Winter Sowing, by A. Smirnyagina, 7 pp.

RUSSIAN, per, Tekhnika Molodezhi, No 11, 1958,  
pp 8-10.

JPRS-960-D

USSR  
Econ - Agriculture  
Oct 59

98,777

Smitsel, Mila.; Ceray, Slavej, and Miharova, Jindra.  
STRUCTURAL INHOMOGENEITY OF ACTIVE CARBON,  
ACTIVATED BY MEANS OF GASEOUS REAGENTS.  
[1962] [10]p.

Order from SLA \$1.10

62-20241

Trans. of Chemický Průmysl (Czechoslovakia) 1962,  
v. 12(37) p. 237-239.

DESCRIPTORS: \*Activated carbon, Fractionation,  
Catalysts, Particles, Density, Gases, Reagents, Carbon

A study of inhomogeneity of active carbon, activated by  
means of gaseous reagents is described. Two types of  
active carbon, known as Desorol and Supersorbol have  
been studied.

(Engineering-Chemical, TT, v. 9, no. 8)

62-20241

1. Title: Desorol.
2. Title: Supersorbol.
- I. Smitsel, M.
- II. Ceray, S.
- III. Miharova, J.

3256630

Office of Technical Services

Optical Method of Determining the Course of  
Temperatures When Refining Steel in the Converter,  
by Holler, Smit. UNCLASSIFIED

GERMAN, par, Stahl u Eisen, 12 Jun 1958,  
pp 799-804.

British Iron and  
Steel Ind 994

Sci - Min/Net  
Nov 58

75,901

ON EOSINOPHILIA IN THE CASE OF WORM INFECTIONS AND  
ON EOSINOPHILIC MENINGITIS, BY A. M. SMIT, 35 PP.

DUTCH, THESIS, 1962, PP 75-113.

~~MRX~~ NIH 7-38-62

~~BXX~~ SCI - MED

OCT 62

213,<sup>0</sup>87

The Production and Measurement of Constant High  
Temperatures, Up to  $7000^{\circ}$  K, by J. A. Smit, 170 pp.

DUTCH, thesis, Het Verkrijgen en Meten van Constante  
Hoge Temperaturen Tot ca.  $7000^{\circ}$  K., 1950.

Dept of Commerce  
Natl Bur of Standards

Sci - Phys

Jul 62

207,740

The Applicability of the Formula of Saha to the  
Electric Arc, by A. M. Kruithof, J. A. Smit,  
19 pp.

GERMAN, per, Physica, Vol II, No 3, 1944,  
pp 129-143.

ABC SCL-T-353

Sci - Phys  
Apr 61

149,011

Smit, P.  
DESUGARIZING MOLASSES WITH CATIONIC EX-  
CHANGE: S. [1963] 12p. (figs. omitted) 7 refs.  
Order from SLA \$1.60 63-16369

Trans. of Z[eitschrift für die] Zuckerind[ustrie] (West  
Germany) 1956, v. 6, p. 429-432.

DESCRIPTORS: \*Saccharides, Decomposition, \*Ion  
exchange, \*Industrial plants, Economics

A process for the desugarizing of molasses by means of  
cationic exchangers is described and the results of a  
pilot plant discussed. The economical feasibility of the  
process is analyzed. (Author)

(Engineering--Chemical, TT, v. 10, no. 11)

63-16369

1. Title: Molasses  
1. Smit, P.

04941

Office of Technical Services



Photorestitution of Disturbances of Nucleic Acids  
Biosynthesis With Irradiated Bacteria, by S. Smit,  
B. Miletic, 7 pp.

SERBO-CROATIAN, per, Bioloski Glasnik, Vol XV,  
No 4, 1962, pp 207-214.

OTS 62-11762/4  
SFCSI

Sci  
Jan 65

272,583

The Character of the Cyclization of Pseudo<sup>cis</sup>ionone;  
A New Method of Preparation of  $\alpha$  - Ionone, by  
V. A. Smit, A. V. Semenovskiy, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1959, Vol CXXIV,  
No 5, pp 1080-1082.

ATB-45L35R

Sci  
Apr 60  
Vol III, No 2

11, 664

Cyclization of Isoprenoid Compounds. Communication  
4. Low-Temperature Cyclization of Geranic Acid and  
Its Ester, by V. A. Smit, A. V. Semenovskii, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1962, pp 312-316.

Consultants Bureau

Sci  
Dec 62

218,126

Syntheses with Acrylonitrile. XXV. Cyanoethylation  
of Indole, by A. P. Terentyev, A. N. Kost, and V. A.  
Sait, 4 pp.

Full tr

RUSSIAN, no par, *Khim. Otech. Khim.*, Vol XVI, No 2,  
1956, pp 557-559. CIA 9007073 C, Reel No 6

Consultants Bureau

Sci - Chemistry  
Dec 56 CTS

41,736

Laws and Mechanism of the Cyclization of Isoprenoids.  
Communication 2. Cyclization of cis- and trans-  
Geranylacetones, by V. A. Smit, A. V. Semenovskiy,  
7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
XII Nauk, No 12, 1960, pp 2193-2200.

CB

Sci

May 62

194,503